

Via EFS Web

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Berdini et al.

Examiner: Laura Lynne Stockton

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Docket No.: 3073.004A

Title: Benzimidazole Derivatives And Their Uses As Protein Kinases Inhibitors

Confirmation No.: 7842

Dated: July 16, 2009

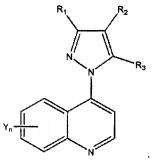
TO: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENTS OF RELEVANCE UNDER 37 CFR §1.98a(3)(i)

Sir:

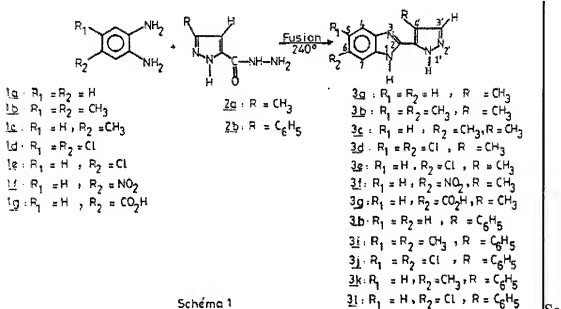
Applicants, in accordance with 37 CFR §1.98(a)(3)(i), provides the following concise statements of the relevance of the following publications that are in foreign languages.

PCT WO 01/002385 (in French) discloses a genus of 1-(quinolin-4-yl)-1H-pyrazoles which are said to be useful as fungicides. The products are pyrazoles that are substituted on the 1-position with a quinoline:



Some of them are synthesized from the appropriate 4-chloroquinoline and the corresponding 1-unsubstituted pyrazole.

Essassi et al., *Bull. Soc. Chim. Belg.* Vol. 96, pp63 - 67, 1987 (in French) discloses the 'Synthesis And Heterocyclisation Of (Pyrazolyl-3(5))-2 Benzimidazoles By Phase Transfer Catalysis'. The (pyrazolyl-3(5))-2 benzimidazoles have been synthesised by melting together o-phenylene-diamines 1a-1g and pyrazole hydrazides 2a-2b with excellent yields (Scheme 1).



Scheme 1

Dibromo-1,2 ethane and dibromo-1,3 propane were condensed with (pyrazolyl-3(5))-2 benzimidazoles 3a-3d and led respectively to benzimidazolo [1,2-a] pyrazolo [1,5-c] pyrazines 4a-4d and benzimidazolo [1,2-a] pyrazolo [1,5-c] diazepines-1,4 5a-5d (Scheme 2).

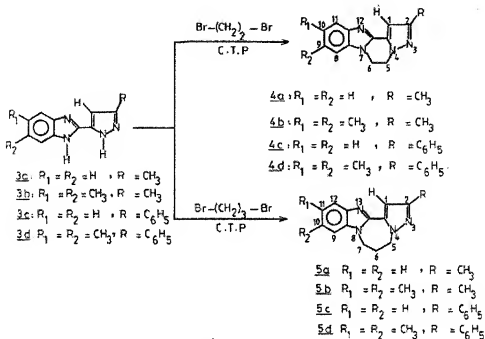
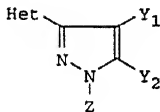


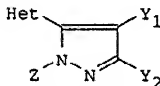
Schéma 2

Scheme 2

WO 94/029300 (in French) discloses pyrazoles 3-substituted by a heterocyclic ring as fungicides for agricultural use. These pyrazoles are of formulae (I) and (Ibis):



(I)



(Ibis)

wherein Het can be an optionally substituted heterocyclic ring;

Y1, Y2 = hydrogen; halogen; hydroxyl; mercapto; nitro; cyano; thiocyanate; alkoxy optionally substituted by halogen; alkylthio optionally substituted by halogen; acyl; thioacyl; alkoxycarbonyl; alkylthiocarbonyl; optionally substituted phenoxy; amino optionally substituted by alkyl or phenyl; alkylsulfinyl; or alkylsulphonyl;

Z = hydrogen or various substituents.

Applicants believe that no fee is required under 37 CFR §1.17(p). However, if any fees are required, or an overpayment has been made, the Commissioner is authorized to charge, or credit, U.S. Deposit Account No. 08-1935 for such sum.

Respectfully Submitted,



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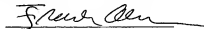
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CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted by electronic filing to: Commissioner for Patents, Alexandria, VA 22313-1450, on July 16, 2009.



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